

PTO/SB/08a (08-03) Approved for use through 07/31/2006. OMB 0651-0031

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	STAT	TEMENT BY APP	PLICANT	First Named Inventor	Omer EINAV			
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Sheet		1 of	3	Attorney Docket Number		34621		
				DOCUMENTS				
Examiner Initials*	Cite No.	Document Number	Publication Date DD-MMM-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, V Relevant Passages or Rel Figures Appear		
		Number-Kind Code <sup>2 (if known)</sup>					riguies Appear	
	1	US-2004/0172097	02-Sep-2004	Brodard et al.				
	2	US-2004/0180768	16-Sep-2004	Almada				
	3	US-2004/0245838	09-Dec-2004	Chiu	Chiu			
	4	US-2005/0261114	24-Nov-2005	Heitzman et al.				
	5	US-2006/0229164	12-Oct-2006	Einav				
	6	US-2006/0277074	07-Dec-2006	Einav et al.				
	7	US-4,499,900	19-Feb-1985	Petrofsky et al.				
	8	US-4,582,049	14-Apr-1986	Ylvisaker				
	9	US-4,724,842	16-Feb-1988	Charters et al.				
	10	US-4,936,299	26-Jun-1990	Erlandson				
	11	US-5,070,873	10-Dec-1991	Graupe et al.				
	12	US-5,193,539	16-Mar-1993	Schulman et al.				
	13	US-5,193,540	16-Mar-1993	Schulman et al.				
	14	US-5,211,161	18-May-1993	Stef				
	15	US-5,244,441	14-Sep-1993	Dempster et al.				
	16	US-5,269,318	14-Dec-1993	Nashner				
	17	US-5,312,439	17-May-1994	Loeb				
	18	US-5,324,316	28-Jun-1994	Schulman et al.				
	19	US-5,391,128	21-Feb-1995	DeBear				
	20	US-5,405,367	11-Apr-1995	Schulman et al.				
	21	US-5,454,774	03-Oct-1995	Davis				
	22	US-5,466,213	14-Nov-1995	Hogan et al.				
	23	US-5,476,103	19-Dec-1995	Nahsner				
_	24	US-5,476,428	19-Dec-1995	Potash et al.				
	25	US-5,662,693	02-Sep-1997	Johnson et al.			•••	
	26	US-5,690,389	25-Nov-1977	Ekman et al.			·- v	
	27	US-5,836,304	17-Nov-1998	Kellinger et al.			-	
	28	US-5,919,115	06-Jun-1999	Horowitz et al.				
	29	US-5,954,621	21-Sep-1999	Jourtas et al.				
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<sup>&</sup>lt;sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>&</sup>lt;sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

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		Application Number				Augu	ıst 8, 2007			
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			U.S. PA	TENT	DOCUM	ENTS				
Examiner Initials*	Cite No.		Publication Date				nt .	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	30		14-Mar-200	00	Rogozin	ski				
	31									
	32									
	33				-					
	34				Martin e	t al.			s ar	
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	27			00-Sep-1998		Riva Violetta et al			+	
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	47	PCT WO 2005/105203			v-2005	Einav et al.	<del></del>	_	T	
	48	PCT WO 2006/021952		+	r-2006	Einav et al.			T 6	
	49	PCT WO 2006/061834 PCT WO 98/37926			n-2006 Einav et al.			- <del>-</del>		
	50				p-1998	Schulman et al.				
	51	PCT WO 98/43700			et-1998 Schulman et al.				T 6	
	52	PCT WO 98/43701		+	ct-1998 Schulman et al.		-		T	
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Substitute for form 1449A/PTO  INFORMATION DISCLOSURE  STATEMENT BY APPLICANT						Complete if Known Application Number 10/597,756				
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					Filing Date	_	August 8, 2007			
SI	CATEN	TENT BY	APPI	ICANT	First Named Inve	ntor Ome	Omer EINAV			
(use as many sheets as necessary)					Group Art Unit	3764	3764			
					Examiner Name	Not	Not Yet Assigned			
Sheet		3	Of	3	Attorney Docket N	lumber 3462	21			
		OTHER PR	RIOR A	RT – NON PA	TENT LITERATURE	DOCUMENTS	S			
Examiner	Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the									
Initials	No.1	item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.								
	54	Backlife "The Backlife Idea", Product Information, <a href="http://www.backlife.com">http://www.backlife.com</a> , 27								
	+	P., 2003.								
	55	Bak "The Complex Motion of Standing Still. Hydraulics, Sensors, and Human								
		Modeling Dsta-Unified by Proprietary Software",								
		<a href="http://www.designnews.com/article/CA73202">http://www.designnews.com/article/CA73202</a> , 5 P., 2001.								
	56	Burgar et al. "Development of Robots for Rehabilitation Therapy: The Palo Alto								
		VA/Stanford Experience", Journal of Rehabilitation Research and Development,								
		37(6): 663-673, 2000.								
	57	Cameron et al. "Micromodular Implants to Provide Electrical Stimulation of								
		Paralyzed Muscles and Limbs", IEEE Transactions on Biomedical Engineering,								
		44(9): 781-790, 1997. Abstract.								
	58	Graupe "EMG Pattern Analysis for Patient-Responsive Control of FES in Paraplegics for Walker-Supported Walking", IEEE Transactions on Biomedical Engineering, 36(7): 711-719, 1989. P.711, l-h Col., Paragraph 1 -r-h Col.,								
****		Paragraph 1, Figs.3, 5, P.716, I-h Col., Figs.								
	59	Messinger "ReAbility Games: Island Hunt Catch'em Patrol Muzment", Detailed Specifications Document, NOKs Technologies, Version 1.0, 16 P., 2004.								
	60	Micromedical "BalanceQuest: Computerized Dynamic Posturography",								
	j	Micromedical Technologies, <a href="http://www.micromedial.com">http://www.micromedial.com</a> , 6 P., 2001.								
	61	Motek "Motek Medical Rehabilitation: Rehabilitation", <a href="http://www.e-">http://www.e-</a>								
		motek.com>, 1 P.								
	62	Peasgood et al. "EMG-Controlled Dosed Loop Electrical Stimulation Using A								
		Digital Signal Processor", Electronics Letters, 36(22): 1832-1833, 2000. P.1832, 1-								
		h Col., Paragraph 1, Fig.1, P.1833, r-h Col., Paragraph 1.								
	63	Richardson et al. "Comparing Smooth Arm Movement With the Two-Thirds Power								
		Law and the Related Segmented-Control Hypothesis", The Journal of								
		Neuroscience, 22(18): 8201-8211, 2002.								
	64	Viviani et al. "Minimum-Jerk, Two-Thirds Power Law, and Isochrony: Converging								
		Approaches to Movement Planning", Journal of Experimental Psychology: Hu								
		Perception and Performence, 17: 32-53, 1995. Abstract.								
-	65				", The Journal o	of				
	~~	Neuroscieno	-	,		1				
Examiner		•				Date		2010010040		
Signature		/Nikolai Gis	SHHOCK	1		Considered	).	09/08/2010		

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